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* * * * * Welcome to STN International * * * * *

NEWS	1		Web Page for STN Seminar Schedule - N. America
NEWS	2	JAN 02	STN pricing information for 2008 now available
NEWS	3	JAN 16	CAS patent coverage enhanced to include exemplified prophetic substances
NEWS	4	JAN 28	USPATFULL, USPAT2, and USPATOLD enhanced with new custom IPC display formats
NEWS	5	JAN 28	MARPAT searching enhanced
NEWS	6	JAN 28	USGENE now provides USPTO sequence data within 3 days of publication
NEWS	7	JAN 28	TOXCENTER enhanced with reloaded MEDLINE segment
NEWS	8	JAN 28	MEDLINE and LMEDLINE reloaded with enhancements
NEWS	9	FEB 08	STN Express, Version 8.3, now available
NEWS	10	FEB 20	PCI now available as a replacement to DPCI
NEWS	11	FEB 25	IFIREF reloaded with enhancements
NEWS	12	FEB 25	IMSPRODUCT reloaded with enhancements
NEWS	13	FEB 29	WPINDEX/WPIDS/WPIX enhanced with ECLA and current U.S. National Patent Classification
NEWS	14	MAR 31	IFICDB, IFIPAT, and IFIUIDB enhanced with new custom IPC display formats
NEWS	15	MAR 31	CAS REGISTRY enhanced with additional experimental spectra
NEWS	16	MAR 31	CA/CAPplus and CASREACT patent number format for U.S. applications updated
NEWS	17	MAR 31	LPCI now available as a replacement to LDPCI
NEWS	18	MAR 31	EMBASE, EMBAL, and LEMBASE reloaded with enhancements
NEWS	19	APR 04	STN AnaVist, Version 1, to be discontinued
NEWS	20	APR 15	WPIDS, WPINDEX, and WPIX enhanced with new predefined hit display formats
NEWS	21	APR 28	EMBASE Controlled Term thesaurus enhanced
NEWS	22	APR 28	IMSRESEARCH reloaded with enhancements
NEWS	23	MAY 30	INPAFAMDB now available on STN for patent family searching
NEWS	24	MAY 30	DGENE, PCTGEN, and USGENE enhanced with new homology sequence search option
NEWS	25	JUN 06	EPFULL enhanced with 260,000 English abstracts
NEWS	26	JUN 06	KOREAPAT updated with 41,000 documents
NEWS	27	JUN 13	USPATFULL and USPAT2 updated with 11-character patent numbers for U.S. applications
NEWS	28	JUN 19	CAS REGISTRY includes selected substances from web-based collections
NEWS	29	JUN 25	CA/CAPplus and USPAT databases updated with IPC reclassification data
NEWS	30	JUN 30	AEROSPACE enhanced with more than 1 million U.S. patent records
NEWS	31	JUN 30	EMBASE, EMBAL, and LEMBASE updated with additional options to display authors and affiliated

Enter NEWS followed by the item number or name to see news on that specific topic.

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* * * * * STN  Columbus * * * * *

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```
=> file caplus
COST IN U.S. DOLLARS          SINCE FILE      TOTAL
                               ENTRY      SESSION
```

FULL ESTIMATED COST

0.46

0.67

FILE 'CAPLUS' ENTERED AT 08:21:15 ON 24 JUL 2008
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FILE COVERS 1907 - 24 Jul 2008 VOL 149 ISS 4
FILE LAST UPDATED: 22 Jul 2008 (20080722/ED)

Caplus now includes complete International Patent Classification (IPC) reclassification data for the second quarter of 2008.

Effective October 17, 2005, revised CAS Information Use Policies apply. They are available for your review at:

<http://www.cas.org/legal/infopolicy.html>

```
=> s lead acid
      699328 LEAD
      333497 LEADS
      1007588 LEAD
              (LEAD OR LEADS)
      4631762 ACID
      1641509 ACIDS
      5146642 ACID
              (ACID OR ACIDS)
L2      11040 LEAD ACID
              (LEAD(W)ACID)

=> s lead acid battery
      699328 LEAD
      333497 LEADS
      1007588 LEAD
              (LEAD OR LEADS)
      4631762 ACID
      1641509 ACIDS
      5146642 ACID
              (ACID OR ACIDS)
      147887 BATTERY
      115068 BATTERIES
      160836 BATTERY
              (BATTERY OR BATTERIES)
L3      8731 LEAD ACID BATTERY
              (LEAD(W)ACID(W)BATTERY)

=> s 64-18-6/rn
      38850 64-18-6
      1489 64-18-6D
L4      37551 64-18-6/RN
              (64-18-6 (NOTL) 64-18-6D )
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=> s 107-31-3/rn
      4903 107-31-3
      20 107-31-3D
L5      4885 107-31-3/RN
      (107-31-3 (NOTL) 107-31-3D )
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=> s 109-94-4/rn
      4475 109-94-4
      25 109-94-4D
L6      4451 109-94-4/RN
      (109-94-4 (NOTL) 109-94-4D )
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=> s 79-09-4/rn
      30280 79-09-4
      1457 79-09-4D
L7      28960 79-09-4/RN
      (79-09-4 (NOTL) 79-09-4D )
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=> d his
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(FILE 'HOME' ENTERED AT 08:20:19 ON 24 JUL 2008)
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FILE 'REGISTRY' ENTERED AT 08:20:39 ON 24 JUL 2008
L1      1 S 64-18-6
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FILE 'CAPLUS' ENTERED AT 08:21:15 ON 24 JUL 2008
L2      11040 S LEAD ACID
L3      8731 S LEAD ACID BATTERY
L4      37551 S 64-18-6/RN
L5      4885 S 107-31-3/RN
L6      4451 S 109-94-4/RN
L7      28960 S 79-09-4/RN
```

```
=> s l3 and (l4 or l5 or l6 or l7
UNMATCHED LEFT PARENTHESIS 'AND (L4'
The number of right parentheses in a query must be equal to the
number of left parentheses.
```

```
=> s l3 and (l4 or l5 or l6 or l7)
L8      3 L3 AND (L4 OR L5 OR L6 OR L7)
```

```
=> d l8
```

```
L8      ANSWER 1 OF 3  CAPLUS  COPYRIGHT 2008 ACS on STN
AN      2006:237439  CAPLUS
DN      144:295911
TI      Method for treating dump conversion solution in lead-
acid battery manufacture
IN      Abe, Hidetoshi; Saida, Kosaku
PA      Furukawa Battery Co., Ltd., Japan
SO      Jpn. Kokai Tokkyo Koho, 7 pp.
CODEN: JKXXAF
DT      Patent
LA      Japanese
FAN.CNT 1
```

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	-----	----	-----	-----	-----
PI	JP 2006073445	A	20060316	JP 2004-257863	20040906
PRAI	JP 2004-257863		20040906		

=> d 18 1-3

L8 ANSWER 1 OF 3 CAPLUS COPYRIGHT 2008 ACS on STN

AN 2006:237439 CAPLUS

DN 144:295911

TI Method for treating dump conversion solution in lead-acid battery manufacture

IN Abe, Hidetoshi; Saida, Kosaku

PA Furukawa Battery Co., Ltd., Japan

SO Jpn. Kokai Tokkyo Koho, 7 pp.

CODEN: JKXXAF

DT Patent

LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	-----	----	-----	-----	-----
PI	JP 2006073445	A	20060316	JP 2004-257863	20040906
PRAI	JP 2004-257863		20040906		

L8 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2008 ACS on STN

AN 1997:654871 CAPLUS

DN 127:297232

OREF 127:58019a,58022a

TI Solution for regeneration of electrodes of lead-acid batteries

IN Sasaki, Koki; Kamegaya, Yoichi; Oguri, Masayuki; Tsuchiya, Shigeki

PA Ishifuku Metal Industry Co., Ltd., Japan

SO Jpn. Kokai Tokkyo Koho, 4 pp.

CODEN: JKXXAF

DT Patent

LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	-----	----	-----	-----	-----
PI	JP 09256184	A	19970930	JP 1996-87094	19960318
PRAI	JP 1996-87094		19960318		

L8 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2008 ACS on STN

AN 1979:482595 CAPLUS

DN 91:82595

OREF 91:13247a,13250a

TI Analysis of 4.5 mol/L sulfuric acid for organic compounds leached from battery separators

AU Laird, Edwin C.; Hanna, Samir B.

CS Globe-Union Inc., Milwaukee, WI, 53201, USA

SO NBS Special Publication (United States) (1979), 519(Trace Org. Anal.: New Front. Anal. Chem.), 797-802

CODEN: XNBSAV; ISSN: 0083-1883

DT Journal

LA English

=>